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200100061

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE; PRESENTS SHALL COME;

Hioneer Hi-Bred International, Inc.

There has been presented to the

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OF ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE IT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR TING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE URPOSE, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT BY THE PLANT VARIETY PROTECTION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEO.)

SOYBEAN

'91B12'

In Institutive Interest, I have hereunto set my hand and caused the seal of the Plant Bariety Irotextion Office to be affixed at the City of Washington, D.C. this twenty-fourth day of April, in the year of our Lord two thousand one.

alan R. Port

Scling Commissioner
Plant Variety Protection Office

lary of Apricul Fabrizius et al.
App. No. 10/768,535

REF A4

CAPACITY OR TITLE

Daria H. Schmidt

Director, Associative Genetics/Technology Integration

CAPACITY OR TITLE

\$&T-470 (2-99) designed by

DATE

UNSTRUCTIONS

ENERAL: To be effectively filed with the Plant Variety Protection Office (PVPO), ALL of the following items must be received in the PVPO: (1) Completed pdcation form signed by the owner, (2) completed exhibits A, B, C, E; (3) for a seed reproduced variety at least 2,500 viable untreated seeds of each line necessary to reproduce the variety, or for tuber reproduced varieties verification that aviable (in the sense it will reproduce an entire plant) tissue culture will be deposited and maintained in an approved public repository; (4) Check drawn on a U.S. bank for \$2,705 520 filling fee and \$2,385 examination fee), payable to "Treasurer of the United States" (See Section 97.5 of the Regulations and Rules of Practice.) Partial polications will be held in the PVPO for not more than 90 days, then returned to the applicant as unfiled. Mail application and other requirements to Plant Variety potection Office, AMS, USDA, Room 500, NAL Building, 10301 Baltimore Avenue, Beltsville, MD 20705-2351. Retain one copy for your files. All items on the go of the application are self explanatory unless noted below. Corrections on the application form and exhibits must be initialed and dated. DO NOT use asking materials to make corrections. If a certificate is allowed, you will be requested to send a check payable to "Treasurer of the United States" in the amount \$320 for issuance of the certificate. Certificates will be issued to owner, not licensee or agent.

Plant Variety Protection Office Telephone: (301) 504-5518 FAX: (301) 504-5291

Homepage: http://www.ams.usda.gov/science/pvp.htm

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rra. Give:

- (1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method;
- (2) the details of subsequent stages of selection and multiplication;

(3) evidence of uniformity and stability; and

- (4) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified
- 18b. Give a summary of the variety's distinctness. Clearly state how this application variety may be distinguished from all other varieties in the same crop. If the new variety is most similar to one variety or a group of related varieties:
 - identify these varieties and state all differences objectively;
 - (2) attach statistical data for characters expressed numerically and demonstrate that these are clear differences; and
 - (3) submit, if helpful, seed and plant specimens or photographs (prints) of seed and plant comparisons which clearly indicate distinctness.
- 18c. Exhibit C forms are available from the PVPO Office for most crops; specify crop kind. Fill in Exhibit C (Objective Description of Variety) form as completely as possible to describe your variety.
- 18d. Optional additional characteristics and/or photographs. Describe any additional characteristics that cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the characteristics that are difficult to describe, such as plant habit, plant color, disease
- 18e. Section 52(5) of the Act requires applicants to furnish a statement of the basis of the applicant's ownership. An Exhibit E form is available from the PVPO.
- 19. If "Yes" is specified (seed of this variety be sold by variety name only, as a class of certified seed), the applicant MAY NOT reverse this affirmative decision after the variety has been sold and so labeled, the decision published, or the certificate issued. However, if "No" has been specified, the applicant may change the choice. (See Regulations and Rules of Practice, Section 97.103).
- 21. See Section 83 of the Act for the Contents and Term of Plant Variety Protection.
- 22. See Sections 41, 42, and 43 of the Act and Section 97.5 of the regulations for eligibility requirements.
- 23. See Section 5.5 of the Act for instructions on claiming the benefit of an earlier filing date.
- 21. CONTINUED FROM FRONT (Please provide a statement as to the limitation and sequence of generations that may be certified.)
- 22. CONTINUED FROM FRONT (Please provide the date of first sale, disposition, transfer, or use for each country and the circumstances, if the variety (including any harvested material) or a hybrid produced from this variety has been sold, disposed of, transferred, or used in the U.S. or other countries.)
- 23. CONTINUED FROM FRONT (Please give the country, date of filing or issuance, and assigned reference number, if the variety or any component of the variety is protected by intellectual property right (Plant Breeder's Right or Patent).)
- U.S. Patent 4,940,835 issued to Shah et al. as per the Roundup Ready Gene in this variety

NOTES: It is the responsibility of the applicant/owner to keep the PVPO informed of any changes of address or change of ownership or assignment or owner's representative during the life of the application/certificate. There is no charge for filing a change of address. The fee for filing a change of ownership or assignment or any modification of owner's name is specified in Section 97.175 of the regulations. (See Section 101 of the Act, and Sections 97.130, 97.131. 97.175(h) of the Regulations and Rules of Practice.)

To avoid conflict with other variety names in use, the applicant must check the variety names proposed by contacting: Seed Branch, AMS, USDA, Room 213, Building 306. Beitsville Agricultural Research Center-East, Beitsville, MD 20705. Telephone: (301) 504-8089.

coording to the Paperwork Reduction Act of 1995, an agency may not conduct of amber for this collection of information is (0581-0055). The time required to conact or spousor, and a person is not required to respond to a collection of information unless it displays a valid QMB control number. The valid QMB control number is criminated to average 1.4 hours per response, including the time for reviewing instructions, searching cristing data

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, gender, religion, age, disability, political beliefs, sexual orientation, and marists or family stams. (Not all prohibited bases apply on all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audicasps, etc.) should contact the USDA's TARGET Cents at 202-720-2500 (voice and TDD). To file a complaint of discrimination, write USDA's TARGET Cents at 202-720-2500 (voice and TDD). USDA is at could opportunity or order and maniored and maniored and maniored and maniored and maniored and maniored.

S&T-470 (2-99) designed by the Plant Vansey Protection Office with WordPerfect G.Ga. Replaces STD-470 (6-96) which is obsolete.

Exhibit A. Origin and Breeding History of the Variety

Soybean Variety 91B12

Ti,

Variety 91B12 evolved from a 1994 cross of ST1570/5/A1900/4/9304/3/9412//A4715/9392 G40-3.

It is an F4-derived variety, which was advanced to the F4 generation by modified single-seed descent. The F5 progeny row of 91B12 was grown in a plant row yield trial in the summer of 1996. Subsequently, 91B12 has undergone four years of extensive testing and purification and has been observed by the breeder to be uniform and stable for all plant traits from generation to generation, with no evidence of variants. On the basis of yield and resistance to Roundup labeled herbicides, variety 91B12 was assigned a commercial number.

The purification block was grown during summer 1998 and 57 sublines were bulked for increase. 48 acres of 91B12 (breeders seed) were grown in the summer of 1999. 1802 acres of parent seedstock (foundation seed equivalent) were grown in the summer of 2000 and 59201 bushels were harvested.

Exhibit B. Statement of Distinctness

Soybean Variety 91B12

Variety 91B12 is most similar to variety 91B02. Both varieties have purple flowers, tawny pubescence, yellow seeds with black hila, and are resistant to Roundup branded herbicides. However, 91B02 is resistant to race 7 of *Phytophthora megasperma* var. sojae whereas 91B12 is susceptible.

Variety 91B12 is also similar to 91B33. Both varieties have purple flowers, tawny pubescence, and resistance to Roundup branded herbicides. However, 91B12 has yellow seeds with black hila and is susceptible to race 5 of *Phytophthora megasperma* var. sojae whereas 91B33 has yellow seeds with brown hila and is resistant to race 5 of *Phytophthora megasperma* var. sojae.

Variety 91B12 is also similar to 90B93. Both varieties have purple flowers, tawny pubescence, black hila, and resistance to Roundup branded herbicides. However, 91B12 is susceptible to race 7 of *Phytophthora megasperma* var. sojae whereas 90B03 is resistant to race 7 of *Phytophthora megasperma* var. sojae.

Variety 91B12 is also similar to S12-49 from Novartis Seeds. Both varieties have purple flowers and tawny pubescence. However, 91B12 has yellow seeds with black hila, resistance to Roundup branded herbicides, and is susceptible to race 7 of *Phytophthora megasperma* var. sojae whereas S12-49 has yellow seeds with gray hila, is resistant to Roundup branded herbicides, and is resistant to race 7 of *Phytophthora megasperma* var. sojae.

Variety 91B12 is also similar to AG1101 from Asgrow Seeds. Both varieties have purple flowers, tawny pubescence, and resistance to Roundup branded herbicides. However, 91B12 has yellow seeds with black hila and is susceptible to race 1 of *Phytophthora megasperma* var. sojae whereas AG1101 has yellow seeds with brown hila and is resistant to race 1 of *Phytophthora megasperma* var. sojae

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According to the Paperwork Resuction Act of 1995, as agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid GMB control number. The valid GMB control number for this collection of information is citizened to according to the collection of information unless it displays a valid GMB control number. The valid GMB control number for this collection of information is citizened to average 30 minutes per response, including the time for reviewing ignractions, searching existing data sources, gathering and maintaining the data necoded, and completing and reviewing the collection of information.

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To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whiten Building, 14th and Independence Avenue, SW, Washington, DC 20250-9410 or call (202) 770-5964 (voice and TOD). USDA is an equal opportunity provider and employer.

U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE SCIENCE AND TECHNOLOGY PLANT VARIETY PROTECTION OFFICE BELTSVILLE, MD 20705

EXHIBIT C (Soybean)

OBJECTIVE DESCRIPTION OF VARIETY SOYBEAN (Glycine max (L.) Merr.)

NAME OF AP	PLICANT(S)				FOR OFFICIAL USE ONLY			
	ioneer Hi-Bred International, Inc.				PYPO NUMBER			
ADDRESS (Su	tes and No. or R.F.D. No., City, St	tate, and ZIP Code)			20010006:			
7300 N.	W. 62 ^{md} Avenue				VARIETY NAME			
P. O. Bo	x 1004				91B12			
Johnston	, IA 50131				TEMPORARY OR EXPERIMENTAL			
					DESIGNATION			
below.	EAD ALL INSTRUCTION	NS CAREFULLY: Place	Tall		ietal character of this variety in the boxes			
quantitative			, when induite	er is either 99 or 1633 0	or less respectively. Data for			
plant chara	cters should be based on a	minimum of 100 plants.	Comparative data shou	ld be determined from	n varieties entered in the same trial. Royal			
Horticultur	al Society or any recogniza	ed color standard may be	used to determine plant	colors; designate syst	em used:			
Please answ	er all questions for your v	ariety; lack of response n	nay delay progress of you	ır application.				
	HOLOGY							
Seed Shape	::							
1	1 = Spherical (L/W, L/T, and T/	W ratios < 1.2)	2 = Spherica (L/W ratio >	nl-Flattened > 1.2; L/T ratio <	< 1.2)			
	3 = Elongate (L/T ratio > 1.2; 7	Γ/W ratio < 1.2)	4 = Elongate (L/T ratio >	-Flattened 1.2;T/W ratio >	. 1.2)			
Seed Coat	Color:							
1	1 = Yellow.	2 = Green	3 = Brown	4 = Black	5 = Other (Please Specify)			
Seed Coat	Luster:				•			
1	1 = Dull	2 = Shiny						
Seed Size:								
1 7	grams/100 seed	is .						
Hilum Colo	or:							
	:1 D67	3 - 37.7						
6	1 = Buff 6 = Black	2 = Yellow 7 = Other (<i>Please</i>	3 = Brown	4 = Gray	5 = Imperfect Black			
	A - Diger	· - Other (1 temse	Specify)					
					•			

A. MORPHOLOGY (Continued)

Cotyledon Color:

1 = Yellow 2 = Green 200100061

Seed Protein Peroxidase Activity:

1 = Low

2 = High

Hypocotyl Color:

1 = Green

2 = Green with Bronze ('Evans' or 'Davis') Bands below Cotyledons ('Woodworth' or 'Tracy')

3 = Light Purple below Cotyledons ('Beeson' or 'Pickett 71')

4 = Dark Purple extending to unifoliolate leaves ('Hodgson', 'Coker', or 'Hampton 266A')

Leaflet Shape:

1 = Lanceolate

2 = Oval

3 = Ovate

4 = Other (Please Specify)

Flower Color:

2 | 1 = White

2 = Purple

3 = White with a Purple Throat

Pod Color:

2 1 = Tan

2 = Brown

3 = Black

Pubescence Color:

 $2 \mid 1 = Gray$

2 = Brown (Tawny)

3 = Light Tawny

Plant Habit:

3 | 1 = Determinate

2 = Semi - Determinate

3 = Indeterminate

4 = Intermediate

Maturity Group:

1 = 000 $6 = \mathbf{III}$ 11 = VIII 2 = 007 = IV12 = IX

3 = 0

8 = V

9 = VI

5 = II

14 = XI

10 = VII15 = XII

Maturity Subgroup:

Please enter a value from 0 - 9 B. DISEASE REACTIONS

0 = Not Tested

1 = Susceptible

2 = Resistant 3 = Tolerant

Bacterial

0 Bacterial Pustule (Xanthomonas campestris pv. glycines (Nakano) Dye)

Bacterial Blight (Pseudomonas syringae pv. glycinea (Coerper) Young, Dye, & Wilkie)

Wildfire Blight (Pseudomonas syringae pv. tabaci (Wolf & Foster) Young, Dye, & Wilkie)

B. DISEASE REACTIONS (Continued)	0 = Not Tested	1 = Susceptible 2 = R	Resistant 3 = Tolerant
Fungal			
Brown Spot (Septoria glycines Hemi	ni)		200100031
Frogeye Leaf Spot (Cercospora sojin	a Hara)		•
0 race 1 0	race 2	0 race 3	0 race 4
0 race 5 0	race 6	0 Other (Please	Specify)
Target Spot (Corynespora cassiicola	(Berk. & Curt.) Wei	i)	
Downey Mildew (Peronospora trifolia	orum var. manchuri	ca (Naum.) Syd. ex Gäum)	
Powdery Mildew (Microsphaera diffi	usa Cke. & Pk.)		
Brown Stem Rot (Phialophora gregat	ta (Allington & Chan	nberlain) W. Gams.)	
0 Stem Canker (Diaporthe phaseolorum	7 (Cke. & Ell.) Sacc.	var. caulivora Athow & Cale	iwell)
Pod and Stem Blight (Diaporthe phas	eolorum (Cke. & Ell	l.) Sacc. var. <i>sojae</i> (Lehman)	Wehm.)
0 Purple Seed Stain (Cercospora kikuch	iii (T. Matsu. & Ton	noyasu) Gardener)	
Rhizoctonia Root Rot (Rhizoctonia so	lani Kühn)		
Phytophthora Root Rot (Phytophthora megasp	perma Drechs. f. sp.	glycinea (Kuan & Erwin))	
1 race 1 0 race 8		0	
0 race 2 0 race 9	} _	race 22 0 race 23	
1 race 3 0 race 10 0	race 17	0 race 24	
0 race 4 0 race 11 0	race 18	1 race 25	
1 race 5 0 race 12 0	- race 19 -	0 race 26	
0 race 6 0 race 13 0	'acc #0 L	Other (Please Specify)	
1 race 7 0 race 14 0	race 21		
Bud Blight (Tobacco Ringspot Virus)		•	
1 Yellow Mosaic (Bean Yellow Mosaic V	Virus)		

B. DISEASE REACTIONS (Continued)	0 = Not Tested	1 = Susceptible	2 = Resistant	3 = Tolerant
1 Cowpea Mosaic (Cowpea Chlorotic	Virus)			
Pod Mottle (Bean Pod Mottle Virus	;)		2 :	00100081
Seed Mottle (Soybean Mosaic Virus	i)			
Nematode				
Soybean Cyst Nematode (Heterodera glycino	s Ichinohe)			
0 race 1 0 race 4	0 race			
0 race 2 0 race 5 0 race 3 0 race 6	0 race Othe	r (Please Specify)	 .	
0 Lance Nematode (Hoplolaimus colu	mbus Sher)			
O Southern Root Knot Nematode (Me	eloidogyne incognita	(Kofoid & White) Chit	wood)	
0 Northern Root Knot Nematode (M	eloidogyne hapla Chi	twood)		
0 Peanut Root Knot Nematode (Melo	idogyne arenaria (Ne	cal) Chitwood)		
0 Reniform Nematode (Rotylenchus r	eniformus Linwood	& Olivera)		
0 Javanese Nematode (Meloidogyne ja	wanica (Treub) Chit	wood)		
O Other Nematode (Please Specify)				
C. PHYSIOLOGICAL RESPONSES	0 = Not Tested	1 = Susceptible	2 = Resistant	3 = Tolerant
Iron Chlorosis on Calcareous Soil				
0 Phosphorus	0 Othe	r (Please Specify)		
0 Boron				
0 Aluminum				
0 Sait				
0 Drought				

Page 4 of 6

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D. IN	SECT REACTIONS	0 = Not Tested	1 = Susceptible	2 = Resistant	3 = Tolerant	
0	Mexican Bean Beetle (Epilachna	arivestis Mulsant)	•		o – roceans	
0	Potato Leaf Hopper (Empoasca fa	bae (Harris))				
0	Other (Please Specify)					
E. HE	RBICIDE REACTIONS	0 = Not Tested	1 = Susceptible	2 = Resistant		
2	Metribuzin		•			
0	Bentazone					
0	Sulfonylurea					
2	Glyphosate					
0	Glufosinate					
0	Pendimethalin					
	Other (Please Specify)					
F. TR	ANSGENIC COMPOSITION					
or, the	development of the subject variety removal of genetic material from th lease complete the following inform	e application variety?				
	se state the vector's name:	iation requests. Ose	additional pages if ne	cessary.	YES NO	
2. Plea	se state the vector components:					
3. Plea	se describe the genetic material suc	cessfully transferred	into the subject variet	y:		
4. Plea	se describe the insertion protocol:					
A literature citation(s) explaining the four information requests above may be an acceptable alternative to completion of the "Transgenic Composition" portion of this form. This section is fully address in the following publication. Specific details of the vector components and insert elements are summarized in Figure 1 and Table 1 on page 1453.						
Padgette, 35:1451	S.R. et al. Development, Identificati	on, and Characterizatio	π of a Glyphosate-Tole	rant Soybean Line.	1995. Crop Science.	
		<u>. </u>				

G. BIOCHEMICAL MARKERS

200100061

Please describe any biochemical information here, which you believe will be helpful in further describing the subject variety (e.g. Simple Sequence Repeats, Restriction Fragment Length Polymorphisms, Isozymic Characterization). Use additional pages if necessary.

H. COMMENTS

Exhibit D. Additional Description of the Variety

Soybean Variety 91B12

<u>-</u>

In Exhibit C we have identified variety 91B12 as susceptible to bacterial blight, brown spot, pod and stem blight, rhizoctonia root rot, bud blight, yellow mosaic, cowpea mosaic, pod mottle and seed mottle.

This does not mean that variety 91B12 is any worse for these problems than other varieties of similar maturity. Rather, we do not consider 91B12 to be immune to these problems. Therefore, we have chosen to be conservative and have identified the line as "susceptible".

Variety 91B12 is an early Group 1 variety. If Group 1 varieties are divided into tenths, the relative maturity of 91B12 is 1.1.

REPRODUCE LOCALLY. Include form number and edition date on a	il reproductions.	ORM APPROVED - OMB No. 0581-005		
U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE	The following statements are made in	accordance with the Privacy Act of		
	1974 (5 U.S.C. 552e) and the Paper			
EXHIBIT E STATEMENT OF THE BASIS OF OWNERSHIP	Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). The information is held confidential until the certificate is issued (7 U.S.C. 2426).			
1. NAME OF APPLICANT(S)	2. TEMPORARY DESIGNATION	ed (7 U.S.C. 2426). 2. VARIETY NAME		
Pioneer Hi-Bred International, Inc.	OR EXPERIMENTAL NUMBER			
Figure 1 and		91812		
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP, and Country)	5. TELEPHONE (Include area code)	6. FAX (Include area code)		
7300 NW 62 rd Avenue P. O. Box 1004	515-254-2638	515-253-2288		
Johnston, IA 50131-1004	7. PVPO NUMBER 1.000	6 G		
Does the applicant own all rights to the variety? Mark an "X" in the if no, please explain.	e appropriate block.	X YES NO		
0.10.15.				
 Is the applicant (individual or company) a U.S. National or a U.S. If no, give name of country 	based company?	X YES NO		
10. Is the applicant the original owner?	If no, please answer one of the foil	owing:		
a. If the original rights to variety were owned by individual(s), is	(are) the original owner(s) a U.S. Nationa	al(s)?		
YES NO If no, give name of count	ry			
b. If the original rights to variety were owned by a company(ies)	, is (are) the original owner(s) a U.S. bas	sed company?		
YES NO . If no, give name of count	ry			
	•			
11. Additional explanation on ownership (If needed, use the reverse	ror extra space):			
lease Note:				
Mant variety protection can only be afforded to the owners (not licens	construction of the following sales in			
		4 11		
 If the rights to the variety are owned by the original breeder, that p national of a country which affords similar protection to nationals o 	erson must be a U.S. national, national of f the U.S. for the same genus and specie	of a UPOV member country, or ess.		
 If the rights to the variety are owned by the company which employ nationals of a UPOV member country, or owned by nationals of a genus and species. 	yed the original breeder(s), the company country which affords similar protection to	must be U.S. based, owned by a nationals of the U.S. for the same		
. If the applicant is an owner who is not the original owner, both the	original owner and the applicant must me	eet one of the above criteria.		
he original breeder/owner may be the individual or company who di act for definitions.	rected the final breeding. See Section 4	1(a)(2) ot the Plant Variety Protection		
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he U.S. Department of Agriculture (USDA) prohibits discrimination in its programs on the tatus. (Not all orothbited bases apply to all programs). Persons with disabilities who require orace the USDA's TARGET Center at 202-720-2500 (voice and TDD).	saxis of race, color, national origin, say, religion, sone o	tisability political beliefs, and marital or familial		
o file a complaint, write the Secretary of Agriculture, U.S. Department of Agriculture, Wash	ington, D.C. 20250, or call 1-800-245-8340 (voice) or (202) 720-1127 (TDD), USDA is an equal		
oporturity emobyer. D-470-E (07-97) (Destroy previous editions). Electronic version des	igned using WordPerfect InForms by US	DA-AMS-IMB.		